JNR/PG4886C

### **PCT REQUEST**

#### Original (for SUBMISSION) - printed on 21.07.2003 11:14:51 AM

For receiving Office use only international Application No.  10-2 International Filing Date  10-3 Name of receiving Office and PCT International Application*  10-4 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  10-5 Petition 11-6 State of nationality 11-1-1 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  10-6 Petition 11-1-1 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  10-7 Petition 11-1 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  10-8 Petition 11-9 Petition Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  11-1 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  12-9 Petition Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  13-1 Petition Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  13-1 Petition Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  14-1 Prepared using PCT-RASY Version 2.92 (updated 01.04.2003)  15-1 Petition Petition PCT-RASY Version 2.92 (updated 01.04.2003)  15-1 Petition Petition Petition Patition Petition			
International Filing Date	0	For receiving Office use only	
Name of receiving Office and "PCT International Application"   PCT-EASY Version 2.92 (updated 01.04.2003)	0-1	International Application No.	
International Application*    Columbia   Form - PCT/RO/101 PCT Request	0-2	International Filing Date	
O-5 Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treats  O-6 Receiving Office (specified by the applicant) O-7 Applicant's or agent's file reference  I Title of Invention  MEDICAMENT DISPENSER  II Applicant II-1 This person is:	0-3		
O-5 Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treats  O-6 Receiving Office (specified by the applicant) O-7 Applicant's or agent's file reference  I Title of Invention  MEDICAMENT DISPENSER  II Applicant II-1 This person is:	0-4	Form - PCT/RO/101 PCT Request	
Comparison   Com		·	DOM DAGY Wounday 2 02
Petition   The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	0-4-1	riepaieu using	
present international application be processed according to the Patent Cooperation Treaty  0-6 Receiving Office (specified by the Secrified by the Applicant's or agent's file reference JNR/PG4886C  1 Title of Invention MEDICAMENT DISPENSER  II Applicant II-1 This person is: II-2 Applicant for all designated States except US II-4 Name GLAXO GROUP LIMITED II-5 Address: Glaxo Wellcome House Berkeley Avenue Greenford, Middlesex UB6 ONN United Kingdom II-6 State of nationality GB II-7 State of residence GB II-8 Telephone No. 020 8047 5000 II-9 Facsimile No. 020 8047 6894  III-1-1 This person is: applicant and inventor III-1-1 This person is: applicant and inventor III-1-2 Applicant for US only III-1-4 Name (LAST, First) BONNEY, Stanley, George GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom GB	0-5	Petition	
applicant)  0-7 Applicant's or agent's file reference  I Title of Invention  MEDICAMENT DISPENSER  II Applicant  II-1 This person is:  II-2 Applicant for  II-5 Address:  GlaxO GROUP LIMITED  GlaxO Wellcome House  Berkeley Avenue  Greenford, Middlesex UB6 ONN  United Kingdom  II-6 State of nationality  II-8 Telephone No.  II-9 Facsimile No.  III-1-1 This person is:  Applicant only  applicant only  applicant only  applicant only  applicant only  applicant only  applicant House  Berkeley Avenue  Greenford, Middlesex UB6 ONN  United Kingdom  II-1-1 This person is:  applicant and inventor  III-1-2 Applicant for  US only  Name (LAST, First)  Address:  GlaxoSmithKline  Park Road  Ware, Hertfordshire SG12 ODP  United Kingdom  III-1-6 State of nationality  GB		present international application be processed according to the Patent	·
O-7 Applicant's or agent's file reference I Title of Invention MEDICAMENT DISPENSER  II Applicant III-1 This person is: III-2 Applicant for Address:  III-3 Address:  III-4 Name  III-6 State of nationality III-1 Applicant and/or inventor IIII-1-5 Address:  IIII-1-6 State of nationality  IIII-1-7 State of nationality  IIII-1-8 State of nationality  IIII-1-8 State of nationality  IIII-1-6 State of nationality  IIII-1-7 State of nationality  IIII-1-8 State of nationality  IIII-1-9 State of nationality  IIII-1-1 State of nationality  IIII-1-2 State of nationality  IIII-1-3 State of nationality  IIII-1-4 State of nationality  IIII-1-5 State of nationality  IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0-6		European Patent Office (EPO) (RO/EP)
Applicant   This person is:   applicant only   all designated States except US   II-4   Name   GLAXO GROUP LIMITED   Glaxo Wellcome House   Berkeley Avenue   Greenford, Middlesex UB6 ONN   United Kingdom   GB   II-7   State of residence   GB   GB   Telephone No.   O20 8047 5000   O20 8047 6894   III-1   Applicant and/or inventor   This person is:   applicant and inventor   Applicant for   US only   Name (LAST, First)   BONNEY, Stanley, George   GlaxoSmithKline   Park Road   Ware, Hertfordshire SG12 ODP   United Kingdom   GB   III-1-6   State of nationality   GB   GB   GB   GB   GB   GB   GB   G	0-7		JNR/PG4886C
II-1 This person is: Applicant for all designated States except US II-4 Name GLAXO GROUP LIMITED II-5 Address: Glaxo Wellcome House Berkeley Avenue Greenford, Middlesex UB6 ONN United Kingdom II-6 State of nationality GB II-7 State of residence GB II-8 Telephone No. 020 8047 5000 II-9 Facsimile No. 020 8047 6894  III-1 Applicant and/or Inventor III-1-1 This person is: Applicant for US only III-1-4 Applicant for US only III-1-5 Address: GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom GB	1	Title of Invention	MEDICAMENT DISPENSER
Applicant for   all designated States except US     Address:   GLAXO GROUP LIMITED     Address:   Glaxo Wellcome House     Berkeley Avenue     Greenford, Middlesex UB6 ONN     United Kingdom     GB     Compared to the state of nationality	H	Applicant	
Name   GLAXO GROUP LIMITED	II-1	This person is:	applicant only
Address:  Glaxo Wellcome House Berkeley Avenue Greenford, Middlesex UB6 ONN United Kingdom  GB  II-7 State of residence II-8 Telephone No. II-9 Facsimile No. III-1 Applicant and/or inventor III-1-1 This person is: III-1-2 Applicant for III-1-4 Name (LAST, First) Address:  Glaxo Wellcome House Berkeley Avenue Greenford, Middlesex UB6 ONN United Kingdom  GB  III-1 Applicant and Inventor III-1 Applicant for III-1-2 Applicant for III-1-5 Address:  GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom  III-1-6 State of nationality  GB	II-2	Applicant for	all designated States except US
Berkeley Avenue Greenford, Middlesex UB6 ONN United Kingdom  II-6 State of nationality GB II-7 State of residence II-8 Telephone No. II-9 Facsimile No. III-1 Applicant and/or inventor III-1-1 This person is: III-1-2 Applicant for III-1-4 Name (LAST, First) III-1-5 Address:  GR  10-8 020 8047 5000 020 8047 6894  III-1-1 This person is: III-1-2 Applicant for III-1-3 Applicant for III-1-6 State of nationality  GB	11-4	Name	GLAXO GROUP LIMITED
Greenford, Middlesex UB6 ONN United Kingdom  II-6 State of nationality GB State of residence GB II-7 Facsimile No. 020 8047 5000 II-9 Facsimile No. 020 8047 6894  III-1 Applicant and/or inventor III-1-1 This person is: applicant and inventor III-1-2 Applicant for US only III-1-4 Name (LAST, First) BONNEY, Stanley, George III-1-5 Address: GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom  III-1-6 State of nationality GB	11-5	Address:	Glaxo Wellcome House
United Kingdom  II-6 State of nationality GB  III-7 State of residence GB  III-8 Telephone No. 020 8047 5000  III-9 Facsimile No. 020 8047 6894  III-1 Applicant and/or Inventor  III-1-1 This person is: applicant and inventor  III-1-2 Applicant for US only  III-1-4 Name (LAST, First) BONNEY, Stanley, George  III-1-5 Address: GlaxoSmithKline  Park Road  Ware, Hertfordshire SG12 ODP  United Kingdom  III-1-6 State of nationality GB			Berkeley Avenue
III-1-6 State of nationality  III-7 State of residence  III-7 State of residence  III-8 Telephone No.  III-9 Facsimile No.  III-1 Applicant and/or Inventor  III-1-1 This person is:  III-1-2 Applicant for  III-1-4 Name (LAST, First)  Address:  III-1-5 Address:  III-1-6 State of nationality  III-1-6 State of nationality  III-1-6 State of nationality  III-1-7 GB  III-1-8 GB  III-1-8 State of nationality  III-1-8 GB  III-1-8 GB  III-1-8 GB  III-1-9 GB  III-1-9 GB  III-1-1 GB  III-1-1 GB  III-1-1 GB  III-1-1 GB  III-1-2 GB  III-1-3 GB  III-1-3 GB  III-1-4 GB  III-1-5 State of nationality  III-1-6 GB  III-1-6 GB  III-1-7 GB  III-1-8 GB  III		1	Greenford, Middlesex UB6 0NN
III-7 State of residence III-8 Telephone No. III-9 Facsimile No. IIII-1 Applicant and/or inventor IIII-1 This person is: III-1-2 Applicant for III-1-4 Name (LAST, First) III-1-5 Address: IIII-1-5 State of nationality III-1-6 State of nationality III-1-6 State of nationality III-1-7 GB III-1-8 State of nationality III-1-8 GB III-1-8 GB III-1-9 GB III-1-1 GB III-1-1 GB III-1-1 GB III-1-1 GB III-1-1 GB III-1-2 GB III-1-3 GB III-1-3 GB III-1-4 GB III-1-5 GB III-1-5 GB III-1-6 GB III-1-6 GB III-1-6 GB III-1-7 GB III-1-8 GB III-			United Kingdom
II-8 Telephone No. II-9 Facsimile No. O20 8047 5000 O20 8047 6894  III-1 Applicant and/or inventor III-1-1 This person is: Applicant for US only III-1-4 Name (LAST, First) Address: GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom  III-1-6 State of nationality GB	11-6	State of nationality	GB
II-9   Facsimile No.   020 8047 6894	11-7	State of residence	GB
III-1 Applicant and/or inventor  III-1-1 This person is: Applicant for III-1-2 Applicant for III-1-4 Name (LAST, First) Address:  GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom  III-1-6 State of nationality  GB	11-8	Telephone No.	020 8047 5000
This person is:  Applicant and inventor  US only  Name (LAST, First)  Address:  BONNEY, Stanley, George  GlaxoSmithKline  Park Road  Ware, Hertfordshire SG12 ODP  United Kingdom  III-1-6  State of nationality  GB	11-9	Facsimile No.	020 8047 6894
Applicant for US only BONNEY, Stanley, George GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom  III-1-6 State of nationality GB	111-1	Applicant and/or inventor	
III-1-2 Applicant for US only III-1-4 Name (LAST, First) BONNEY, Stanley, George III-1-5 Address: GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom III-1-6 State of nationality GB	III-1-1	This person is:	applicant and inventor
Name (LAST, First)   BONNEY, Stanley, George   GlaxoSmithKline   Park Road   Ware, Hertfordshire SG12 ODP   United Kingdom   GB	III-1-2	Applicant for	
GlaxoSmithKline Park Road Ware, Hertfordshire SG12 ODP United Kingdom GB	III-1-4	Name (LAST, First)	BONNEY, Stanley, George
Ware, Hertfordshire SG12 0DP United Kingdom  United Kingdom	III-1-5	Address:	
United Kingdom United Kingdom GB			Park Road
III-1-6 State of nationality GB			Ware, Hertfordshire SG12 0DP
			United Kingdom
III-1-7 State of residence GB	III-1 <b>-</b> 6	State of nationality	GB
	111-1-7	State of residence	GB

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Applicant and/or inventor				
This person is:	applicant and inventor			
Applicant for	US only			
Name (LAST, First)	DAVIES, Michael, Birsha			
Address:	GlaxoSmithRline			
	Park Road			
	Ware, Hertfordshire SG12 ODP			
	United Kingdom			
State of nationality	GB			
State of residence	GB			
Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent			
Name (LAST, First)	THOMPSON, Clive, Beresford			
Address:	GlaxoSmithKline			
	Corporate Intellectual Property			
	(CN925.1)			
	980 Great West Road			
	Brentford, Middlesex TW8 9GS			
	United Kingdom			
•	020 8047 4478			
	020 8047 6894			
Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT			
	This person is: Applicant for Name (LAST, First) Address:  State of nationality State of residence Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name (LAST, First) Address:  Telephone No. Facsimile No. Designation of States Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s)			

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V-2	National Patent	AE	AG	AL	AM	ΑT	ΑU	$\mathbf{AZ}$	BA	BB	BG	BR	BY	BZ
	(other kinds of protection or treatment, if any, are specified between	CA	CH	LL	CN	CO	CR	CU	CZ	DE	DK	DM	$\mathbf{D}\mathbf{Z}$	EC
	parentheses after the designation(s)	EE	RC	FI	GB	GD	GE	GH	СМ	HR	нп	ID	IL	IN
	concerned)									LK				LU
		IS		KE	KG									
		LV	MA	MD	MG	MK	MN	MW	MX	MZ				OM
		PG	PH	PL	PT	RO	RU	SC	SD	SE	SG	SK	SL	SY
		TJ	TM	TN	TR	TT	TZ	UA	UG	US	UZ	VC	VN	YU
		ZA	ZM	ZW										
V-5	Precautionary Designation Statement	<del></del>												
	In addition to the designations made													
	under items V-1, V-2 and V-3, the	l												
	applicant also makes under Rule 4.9(b)													
	all designations which would be	l												
	permitted under the PCT except any													
	designation(s) of the State(s) indicated under item V-6 below. The applicant													
	declares that those additional													
	designations are subject to confirmation													
	and that any designation which is not													
	confirmed before the expiration of 15													
	months from the priority date is to be regarded as withdrawn by the applicant													
	at the expiration of that time limit.													
V-6	Exclusion(s) from precautionary	NON	1E											
	designations													
VI-1	Priority claim of earlier national													
1044	application	'		_										
VI-1-1	Filing date			ly 2		! (2	25.0	7.2	2002	2)				
VI-1-2	Number	021	L719	9.9	•									
VI-1-3	Country	GB												
VII-1	International Searching Authority	Eur	:ope	an	Pat	ent	Of	fic	e (	(EPC	)) (	(ISA	/EI	<del>)</del>
1	Chosen													
VIII VIII-1	Declarations  Declaration as to the identity of the		NU	mber	or aec	aratio	ns							
Atil-1	inventor	-												
VIII-2	Declaration as to the applicant's													
	entitlement, as at the international filing													
	date, to apply for and be granted a patent							- 1						
VIII-3	Declaration as to the applicant's													
VIII-3	entitlement, as at the international filing	-												
	date, to claim the priority of the earlier							i						
	application													
VIII-4	Declaration of inventorship (only for the	_												
	purposes of the designation of the													
VIII-5	United States of America)  Declaration as to non-preludicial													
VIII-0	disclosures or exceptions to lack of	-						İ						
	novelty													

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IX	Check list	number of sheets	electronic file(s) attached	
IX-1	Request (including declaration sheets)	4 -		
X-2	Description	45	-	
IX-3	Claims	4	-	
X-4	Abstract	1	EZABST00.TXT	
X-5	Drawings	7	-	
X-7	TOTAL	61		
	Accompanying items	paper document(s) attached	electronic file(s) attached	
1X-8	Fee calculation sheet	<b>√</b>	-	
X-11	Copy of general power of attorney	reference no. PCT/EP03/02878	-	
X-11	Copy of general power of attorney	reference no. PCT/EP03/06466	-	
X-17	PCT-EASY diskette	-	Diskette	
X-19	Figure of the drawings which should accompany the abstract	1a		
X-20	Language of filing of the international application	English		
X-1	Signature of applicant, agent or common representative	Clive Thomps	_	
X-1-1	Name (LAST, First)	THOMPSON, Clive, Be		

#### FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

#### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Dete of personal of the personal complete	<b>1</b>
11-1	Date of receipt of the record copy by	
	the International Bureau	
	are miterial data.	

PCT (ANNEX - FEE CALCULATION SHEET)
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(This sheet is not part of and does not count as a sheet of the international application)

			·		
0	For receiving Office use only				
0-1	International Application No.				
0-2	Date stamp of the receiving Office				
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet				
0-4-1	Prepared using	PCT-EASY Vers	ion 2.92		
		(updated 01.0	4.2003)		
0-9	Applicant's or agent's file reference	JNR/PG4886C			
2	Applicant	GLAXO GROUP L	IMITED, et al.		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (EUR)		
12-1	Transmittal fee T	⇔	100		
12-2-1	Search fee S	Û	945		
12-2-2	International search to be carried out by	EP		····	
12-3	International fee				
	Basic fee				
	(first 30 sheets) b1	444			
12-4	Remaining sheets	31			
12-5	Additional amount (X)	10			
12-6	Total additional amount b2	310			
12-7	b1 + b2 = B	754			
12-8	Designation fees				
	Number of designations contained in international application	97			
12-9	Number of designation fees payable (maximum 5)	5			
12-10	Amount of designation fee (X)	96			
12-11	Total designation fees D	480			
12-12	PCT-EASY fee reduction R	-137			
12-13	Total International fee (B+D-R)	⇨	1,097		
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	2,142		
12-19	Mode of payment	authorization	to charge dep	osit account	
12-20	Deposit account instructions				
	The receiving Office:	European Pater	nt Office (EPO	) (RO/EP)	
12-20- 1	Authorization to charge the total fees indicated above.	✓			
12-20- 2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	<b>✓</b>			
12-21	Deposit account No.	28050015			
12-22	Date	21 July 2003 (21.07.2003)			

# PCT (ANNEX - FEE CALCULATION SHEET) Original (for SUBMISSION) - printed on 21.07.2003 11:14:51 AM

12-23	Name and signature	THOMPSON, Clive, Beresford
		Chre Thompson
•	,	VALIDATION LOG AND REMARKS
13-1-1	Applicant remarks	Specification may contain Greek characters
13-2-7	Validation messages Contents	Green? Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available
13-2-9	Valldation messages Payment	Green? Please ensure that you have a valid deposit account with the receiving Office selected.
13-2-1 0	Validation messages Annotate	Green? All indications that can be made on the Request form are specifically provided for by the software. Please confirm validity of additional indication.